



# **Section G**

## ***200 Area Remediation***

### **PROJECT MANAGERS**

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## **INTRODUCTION**

The 200 Area Remediation, Project Baseline Summary (PBS) RL-CP01, Work Breakdown Structure (WBS) 3.3.1.4, 3.3.1.5, 3.3.1.6, 3.3.1.7, 3.3.1.8, 3.3.1.9, and 3.3.1.11 consists of Central Plateau Facility (CPF) Transition, the Equipment Disposition Project, and Central Plateau Waste Site Remediation.

NOTE: Unless otherwise noted, all information contained herein is as of the end of October 2002.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that one was completed ahead of schedule.

## **ACCOMPLISHMENTS**

The 221B Building roof installation is complete, installation of the PUREX and Aqueous Makeup Unit building roofs is 80 percent complete, and construction of the 271B roof is 95 percent complete. The non-destructive assay for the 224-T A Cell is complete and winterization activities for all 200 Area Facilities Disposition Project facilities are complete.

The tri-annual surveillances for 200 West and 200 North Area Waste Sites are complete, the first quarter Treatment, Storage or Disposal (TSD) surveillances are complete and the semi-annual load testing at various burial grounds is complete.

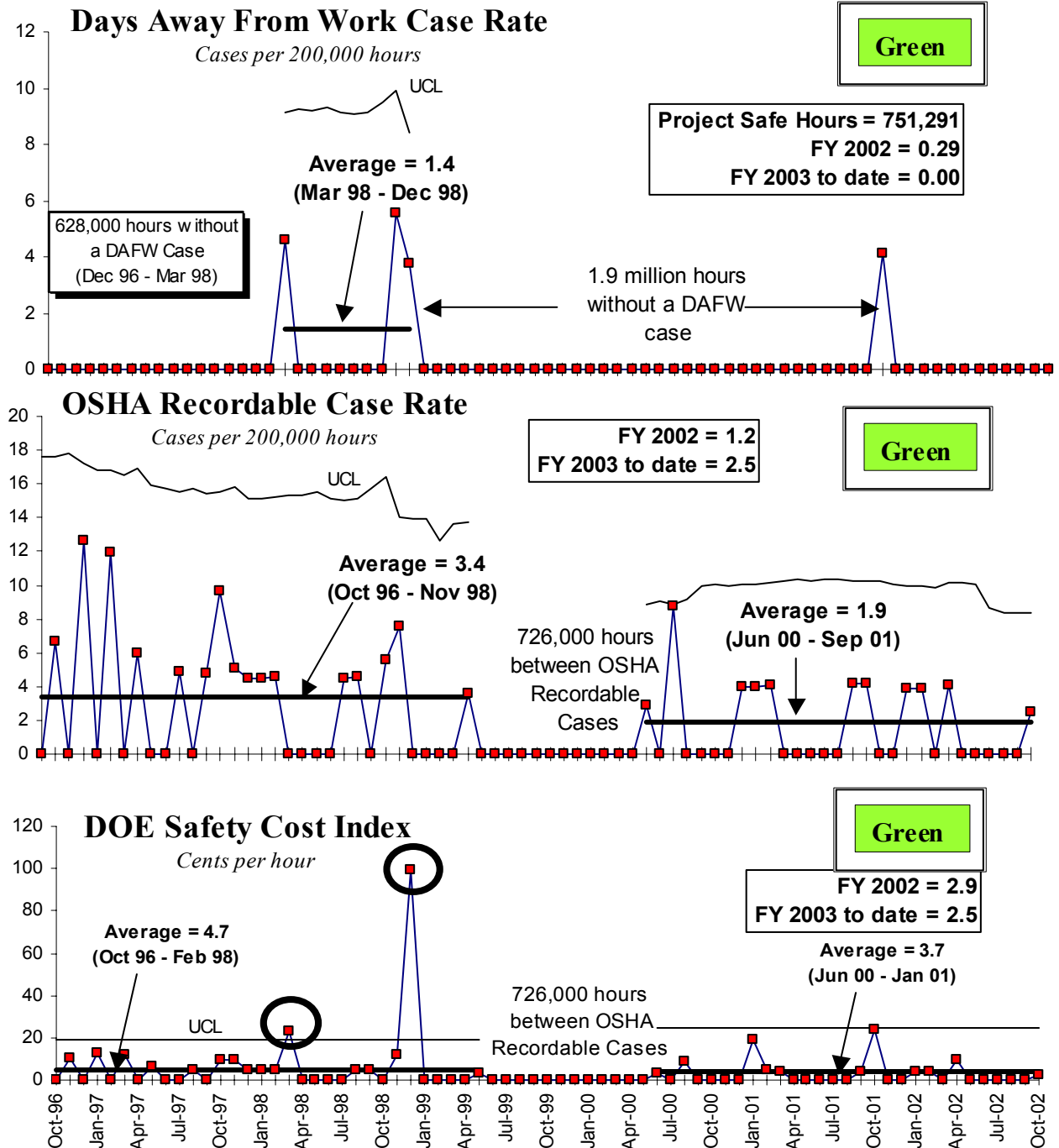
The Spent Nuclear Fuel drag-off box was shipped from the Allied Technology Group to the burial grounds, and the initial grout lift on both of the 183K ion exchange column boxes was completed with the first box placed on the transport trailer. In addition, the second T Plant flatcar was released to offsite users for unrestricted use saving \$440K by accelerating work six months through innovative strategies.

At the 233-S Building the stairwell decontamination/characterization is complete, the process hood coupon/sample package is complete, the high steel removal has begun, and a contract is in place for shipment of wastes to the Environmental Restoration Disposal Facility.

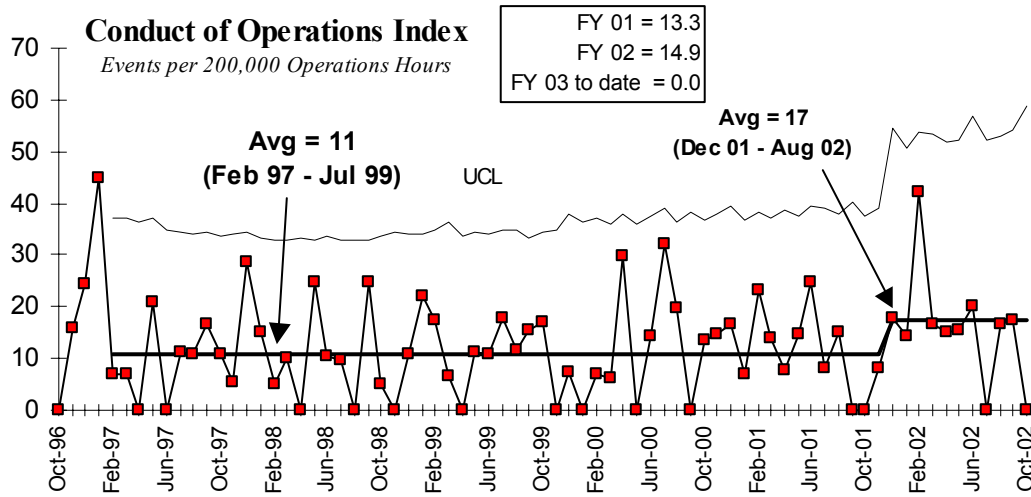
The 200 Area Waste Site staff completed and delivered the regulator review draft of the Tank Waste Group operable units (200-TW-1 and 200-TW-2) Remedial Investigation Report. Additionally, reviews to identify revisions to work plans to incorporate Tri-Party Agreement-negotiated consolidations of operable units were completed.

## SAFETY

The Central Plateau Remediation Project (CP) has achieved 751,291 safe work hours since the last Days Away from Work case. The OSHA Recordable case Rate is 2.5, and the overall rating for CP is green.



## CONDUCT OF OPERATIONS



## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

### Breakthroughs

None to report.

### Opportunities for Improvement

None to report.

## UPCOMING ACTIVITIES

**Equipment Disposition Project** — Ship the Ion exchange columns by November 2002.

**Waste Sites** — Submit 1 200 NPL RI/FS Work Plan for the 200-IS-1 tanks/liners/pits/diversion boxes operable units by December 31, 2002.

**200 Area Shutdown Facilities** — Complete installation of new roofs on PUREX & B Plant by November 30, 2002.

## MILESTONE ACHIEVEMENT

### FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-15-41B	Submit 200-TW-1 and 200-TW-2 OU Remedial Investigation Report to EPA and Ecology	TPA	10/30/02	10/23/02		Complete
TRP-38-803	Complete Installation of New Roofs on PUREX & B Plant	RL	11/30/02			On Schedule
M-24-56	Install Two Additional Wells at SST Waste Management Area TX-TY.	TPA	12/31/02			On Schedule
M-13-00M	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	TPA	12/31/02			On Schedule
M-15-38A	Submit 200-CW-1 Gable Mountain Pond/B Pond and Ditch Cooling Water Group Feasibility Study	TPA	3/31/03			On Schedule
M-15-40B	Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group Remedial Investigation Report	TPA	5/31/03			On Schedule
M-15-47	Submit a Proposed Plan to EPA and/or Ecology to conduct Remedial Action(s) for Source Control at High-Risk Waste Site(s)	TPA	6/30/03			On Schedule
M-15-39A	Complete Chemical Sewer Group Field Work Through Sample Collection and Analysis	TPA	9/30/03			On Schedule
M-13-00N	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	TPA	12/31/03			On Schedule
M-020-00A	Submit Part B Permit Applications or Closure/Post Closure Plans for all RCRA TSD Units Except 216-A-10, 216-A-36B, 216-A-37-1, 207-A South Retention Basin, 216-S-10 Pond, 216-S-10 Ditch, 241-CX-70, 241-CX-71, and 241-CX-72.	TPA	2/28/04			On Schedule
M-15-41C	Submit 200-TW-1 and 200-TW-2 OU Feasibility Study and Proposed Plan to EPA and Ecology	TPA	3/31/04			On Schedule
M-15-39B	Submit 200-CS-1 Chemical Sewer Group Remedial Investigation Report	TPA	5/31/04			On Schedule
M-13-00O	Submit 1 200 NPL RI/FS (RFI/CMS) Work Plan	TPA	12/31/04			On Schedule
M-15-43B	Submit 200-PW-2 OU Remedial Investigation Report Including Past Practice Waste Sites in 200-PW-4 General Process Waste Group	TPA	6/30/04			On Schedule
TRP-38-802	Decontaminate and Decommission the 233-S and 233-SA Facilities	RL	6/30/04			On Schedule
M-15-40C	Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group Feasibility Study and Submit 200-CW-5 U Pond/Z Ditches Cooling Water Group Proposed Plan	TPA	10/31/04			On Schedule
TRP-38-805	Complete Equipment Disposition Project (PUREX Cars)	RL	8/31/05			On Schedule
M-15-46A	SUBMIT 200 AREA CHEMICAL LABORATORY WASTE OUs REMEDIAL INVESTIGATION REPORT, INCLUDING THE PAST PRACTICE WASTE SITES IN THE 200 LW-1 AND 200-LW-2 200 AREA CHEMICAL LABORATORY GROUPS	TPA	10/31/05			On Schedule
M-15-39C	Submit 200-CS-1 Chemical Sewer Group Feasibility Study and Submit 200 CS-1 Chemical Sewer Group Proposed Plan/Proposed RCRA Permit Modification	TPA	11/30/05			On Schedule

## MILESTONE ACHIEVEMENT (CONTINUED)

### FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
M-20-39	Submit 216-S-10 Pond and Ditch Closure/Post Closure Plan to Ecology	TPA	11/30/05			On Schedule
M-15-43C	Submit 200-PW-2 OU Feasibility Study and Proposed Plan/Proposed RCRA Permit Modification	TPA	12/31/05			On Schedule
M-15-44A	SUBMIT 200-MW-1 OU REMEDIAL INVESTIGATION REPORT.	TPA	12/31/05			On Schedule
M-20-33	Submit 216-A-10 Crib, 216-A-36B Crib, 216-A-37-1 Crib, and 207-A South Retention Basin Closure/ Post Closure Plans to Ecology	TPA	12/31/05			On Schedule
TRP-38-804	Complete Equipment Disposition Project (212R Cars)	RL	6/30/06			On Schedule
M-15-46B	SUBMIT 200 AREA CHEMICAL LABORATORY WASTE OUs FEASIBILITY STUDY AND PROPOSED PLAN/PROPOSED PERMIT MODIFICATION, INCLUDING THE PAST PRACTICE WASTE SITES IN THE 200-LW-1 AND 200-LW-2 200 AREA CHEMICAL LABORATORY GROUPS.	TPA	9/30/06			On Schedule

## PERFORMANCE OBJECTIVES

**Outcomes: Transition Central Plateau to support long-term waste management**

### Performance Indicator

### Status

#### **FHI-M3 – 200 Area Facility Disposition**

Measure 1: Disposition Surplus Buildings and Rolling Stock

Expectation 1:

Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004.

Stretch: D&D 233-S & 233-SA by June 30, 2004.

Staffing shortfalls during July 1, 2002 transition delayed initiation of fieldwork for approximately two months. Staffing shortfalls have been resolved, fieldwork has been initiated, and recovery is under way.

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Expectation 2: Complete installation of new roofs on PUREX & B Plant by November 30, 2002.

Installation of the new roofs on the PUREX and B Plant buildings is on schedule to be complete by November 30, 2002.

Expectation 3:

Base: Disposition contaminated railcars by June 30, 2006.

Stretch: Disposition contaminated railcars by August 31, 2005.

Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.

Recycling of the three cask cars planned for FY 2001 and FY 2002 is complete with the exception of recycling the lead from the two FY 2002 cars, which should be complete by January 1, 2003. Completed preliminary radiological surveys and equipment condition evaluations for reuse on the eleven flatcars in the PUREX Rail Cut. All other work is on hold due to lack of funding.

Two pieces of work remain to complete the Super Stretch work scope. The disposition of the SNF burial box stored at T Plant will be complete by November 20. The grouting and burial of the two concrete boxes containing Ion Exchange Columns should be transferred to burial grounds by November 21. The completion of this Super Stretch is on schedule for December 31, 2002.

## ISSUES

### Technical Issues, Regulatory, External, DOE Issues and DOE Requests

None to report.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
CP01-03-001 3.3.1.7	9/6/02	233-S Structural Steel and Tank L-1A Removal	16	\$357		Replaces CP01-02-012. Incorporating comments.
CP01-03-002 3.3.1.7	9/3/02	233-S Staffing Delay and Emerging Workslope Impact	45	\$49		Replaces CP01-02-013. Incorporating comments.
CP01-03-003 3.3.1.5	5/22/02	224-T Cell Water Removal and Remediation	151	\$33		Transmitted to FH CCB for approval.
CP01-03-004 3.3.1	10/1/02	Authorize Performance of Equipment Disposition Project Superstretch				Transmitted to RL for approval.